

# SOUTH PRODUCTION NOTES

August 15, 2014

Midnight Shift

BASF EMPLOYEES

47 Last Recordable

410 Last Lost Time

**Building 9 and 16 (and 2<sup>nd</sup> floor 31) are regulated. Get All Required Samples and Surface Areas**

Priorities 1 through 8 are basically all the same priority, should be considered urgent and will require call outs for maint. issues and/or processing issues.

- 1) Reduction Tower Screeners
- 2) Reduction Towers
- 3) #3 Line/#3RC
- 4) West Pfaudler/National Dryer/#4RC
- 5) #1 Line/#1 RC
- 6) #2 Line/#2RC
- 7) #5 RC
- 8) Horne Tableting
- 9) #6RC

## **#1 MED / AI-5645:**

**Continue to make batches.** Turned the cooling water to the barrel on the extruder – it was turned off – leave it on.

**Midnight shift:** Started up again near end of the shift after clean up on 3.

**Day shift:**

**Afternoon shift:** Continue

## **#1 RC / AI-5645:**

**Continue to feed.** **Bags need to be check weighed. Many bags have been found to be overweight.** Still high NOx product, so be aware of and routinely monitor suction and Trimer status.

**Midnight shift:**

**Day shift:**

**Afternoon shift:** Continued. Had to clean out Trimer exhaust line as suction was dropping. OK for now...monitor and keep suction at -.35 to -.40.

**Exhaust to Trimer**

### **#2 MED line/ Cu-0860:**

**Continue to check every batch before dropping. Be aware that we are to continue adding the 10 lbs of water to the mix on the first step.**

**Midnight shift: Got the auger installed and re-started the line... "one moe gain".**

**Day Shift: Down to clean Mixer 3 malfunction. Will restart on 2<sup>nd</sup>. Some bags of Lots 480 and 481 are in the rail-shed and lot 482 is in pass.**

**Afternoon Shift: Cu 3818 Lot 480 consumed, Lot 481 being used (NOTE: two more lot 481 bags found in rail shed – need to be dug out!!!). Continue batches.**

### **#2 RC/ Cu-0860:**

**Continue to feed and see Bodmann's e-mailed sample instructions.**

**Hold onto and do not feed bags roped off until advised.**

**Midnight Shift:**

**Day Shift: Continued.**

**Afternoon shift: Continue**

**Exhaust to F1**

### **#3 MED / D-1794:**

**Start line when seal is reapiored**

**Midnight Shift:**

**Day shift: Mixer discharge valve malfunction just before shift change. Work order is in.**

**Afternoon Shift: Batch ran off from earlier today, but east end seal was pouring out powder during mix. Work order written to fix seal/add packing. Outlet valve on mixer was worked on and per Charlie Fern at 9:00 pm, valve was adjusted and OK. Still need seal repaired before starting.**

### **#3 RC / Cleaning for D-1794:**

**On hold for temp control / thermocouple / PLC issues**

**Midnight shift:**

**Day shift: IMC is still addressing issues with temperature control.**

**Afternoon Shift: Batch thermocouples corrected, but IMC needs to work on crown TC's and crown PLC. Work order submitted**

**Exhaust to CTO-is in Automatic**

### **#5 RC / Cu-0539:**

**Stopped feed. We will send exhaust to DC only. No need to go through the Trimer. Monitor vac-u-max at the feed and discharge end.**

**Midnight Shift:**

**Day shift: Maintenance is addressing issues with temperature control.**

**Afternoon shift: Still not resolved. Crown temps way too high. Check with maintenance in morning to see if/when this will be addressed/corrected.**



## **Exhaust through DC**

### **New Pfaudler / D-1145 SNAP:**

\*\*\*As of 8:00 pm Thursday, 2 buggies from earlier batch and full pfaudler still to feed. Per Paul Bishop of DL Page, they will be monitoring buggy feeding on Friday morning to identify specific areas that that need reinforced metal to prevent spillage on feed and discharge end. Watch the level on the chromic acid, batch up as needed. Should make 2 Batches per Shift.

**Midnight shift:**

**Day shift:**

**Afternoon Shift:** Batch made, but hold for morning (DL Page to monitor feeding and make necessary corrections for preventing spillage). Also, sodium dichromate full tote was split into two totes and brought to bldg. 31 on 2<sup>nd</sup> floor (There are now 3 half-totes on the floor). On midnight shift tonight, periodically spin pfaudler to keep batch from settling/congealing.

### **National Dryer / D-1145 next:**

**Down. Target = 700 lbs. per hour.**

**Midnight Shift:** No activity.

**Day shift:** Dust collector was worked on Wednesday-we are feeding a batch for DL Page to observe the DC.

**Afternoon Shift:** Only one buggy was fed and DL Page was tied up and did not monitor...they are returning Friday morning to monitor feeding and belt discharge so they can continue on corrective repairs for spill prevention.

### **#4 RC / D-1145 next:**

**Out of feed, Cr 1145 next**

**Midnight Shift:** No activity.

**Day shift:** hold

**Afternoon Shift:** No activity yet. When batches get going consistently and material is feeding dryer, start calcining. No need to accumulate bags off of Nat Dryer.

## **Exhaust to 4A DC**

### **#6 RC / D-5202**

**We have started feeding the calciner through the floor using the blue frame totes.** Need to clean under the feed end of the dryer throughout the shift to jump ahead on the clean up that surely is coming. Watch calciner feed rate.

**Midnight shift:** Started to feed through the floor with blue frame totes.

**Day Shift:** Continued-keep eye on feed rate and surface areas.

**Afternoon shift: Need to watch spillage from feed end under calciner drum. Calciner was feeding too fast, syntron turned down slightly and spillage stopped. Will need to keep up with Microsorb tote filling.**

**Exhaust to Sly Scrubber**

### **Old Pfaudler / Clean for D-1795:**

**Hold, but D-1795 impregs coming soon after D-1794 gets rolling**

**Midnight Shift: No activity.**

**Day Shift: No activity.**

**Afternoon Shift: No change.**

### **Tower 3 / Cu-1986:**

**Continue On.**

**Midnight Shift:**

**Day shift: Running-should come down Friday afternoon.**

**Afternoon shift: Continue**

### **Tower 6 / Cu-1986:**

**Continue on**

**Midnight Shift:**

**Day shift: Running-another 3 days.**

**Afternoon shift: Continue**

### **North Screener / Cu-1986:**

**Re-assembled and running. Currently using an adjustable clamp with a quick disconnect instead of the bungee cord to hold the liner around the discharge chute. So far is working very well.**



**Midnight shift:**

**Day shift: Continued. 4 totes left.**

**Afternoon Shift: Continue. Only a couple totes are left**

### **South Screener / Cu-1986:**

**Continue On.**

**Midnight shift:**  
**Day shift: Continued.**  
**Afternoon Shift: Continue. Only a couple totes are left**

**#2662 (west) Pill Machine / Zr-0403 1/8:**

**Continue running.** Allen head cone disc was looked at by maintenance and is now operable...enough.

**Midnight shift:**

**Day Shift: Belts need replaced again-work order is in.**

**Afternoon shift: No change from afternoon...belts on order. NOTE: operator discovered pieces of broken camlock stuck in upper rail, causing the recent lock-up and the subsequent belt breaking. 2 bags of pill mix remaining.**

**#2664 (east) Pill Machine / Zr-0403 1/8:**

**Continue running.** DC back together, pill machine in place. West machine was tested and looked / sounded good.

**Midnight shift:**

**Day Shift: Continued.**

**Afternoon shift: Continue. 2 bags of pill mix remaining.**

**TK #2 / V-2046 / V-2010 Next:**

**Continue with blends.**

**Midnight shift:**

**Day Shift: Unloading should be complete by end of day shift. Change saggars over to V-2010.**

**Afternoon shift: Continue changing saggars over (3-4 more cars to go) and continue milling. Modifications to milling and DC drum covers look good. Milling resumed with virtually no powder release and drum liners not being grabbed/torn by drum covers, per GL Scoggins.**

**PK Blender / Pill Mix:**

**On hold until we get more sterotex.**

**Midnight Shift: No activity.**

**Day shift: No change. J Quach may have 6 batches to run in the near future.**

**Afternoon shift: No change. Planning on screening Sterotex/Acrawax on north end Thur night, plan to make pill mix on Friday day shift.**

**Abbe Blender 5206 coming soon:**

**HOLD. Waiting on next run.**

**Midnight shift: Hold.**

**Day shift:**



**Afternoon Shift: Advised that 5206 will be starting soon. Need to get the Calgonate buckets and supplies stocked and ready**

### **Building 27 Belt Filter / Cu-5020 Trials:**

**On hold.**

**Midnight shift:**

**Day shift: No activity. Finished until further notice. Leave as is.**

**Afternoon Shift: No activity. Operator was working on pumping out tank farm pit (excess water)**

### **Miscellaneous:**

**All samples of the 0535 bags in truck (dock #1) taken and brought to the lab**

### **Sampling requirements for MED #2:**

**Mixer: MUST be checked before dropping - then get a sample of the wet mix and seal it up so it stays wet – all batches please.**

**Dryer: Every batch off the dryer must be sampled.**

**Calciner: Run empty before feeding this material, then using the same temp setpoints as before start calcining it. Get a SA on the material off the calciner about 20 minutes after it first exits the calciner. Adjust the temps to get SA in spec or call Bodmann for advice. SAMPLE off the calciner BEFORE spiral once per hour. Sample off the BAG if possible as well (or at least every bag change).**